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PPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/018,818 03/20/2002		Kevan Hatchman	MPD314	4469	
7590 10/24/2003			EXAM	EXAMINER	
Russell R Stolle			BOYER, CHARLES I		
Huntsman Corporation PO Box 15730			ART UNIT	PAPER NUMBER	
Austin, TX 78	761	1751			

DATE MAILED: 10/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary The MAILING DATE of this communication appears on the cover sheet with the correspond nce address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Edutations of time may be available under the provision of 3 CFR 1 136(s). In no event, however, may a reply be timely filled after SX (6) MONTHS from the mailing date of this communication, poly within the adductor minimum of thirty (30) stays will be considered limely. If NO puniod for reply is specified store, be maximum dated to previously play and will eging 5 (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (30 U.S. 6, 133). Any pays received by the 60th date than thinese months after the mailing date of this communication, even if timely filed, may reduce any Status 1) Responsive to communication(s) filed on 20 March 2002. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-20 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 4a) Claim(s) 1-20 is/are pending in the application. Application Papers 9) The specification is objected to by the Examiner. 10 The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 11 The proposed drawings are required in reply to this Office action. 12 The oath or declaration is objected to by the Examiner. 13 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 13 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 13 Ac			—)		A				
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If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.									
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•	application from the International Bureau (PCT Rule 17.2(a)).								
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).			•		oplication).				
a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.									
Attachment(s)	•	•	10 p.101ky and 01 00 0.0.0. 33 12	unurur tari.					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4) Interview Summary (PTO-413) Paper No(s) 5) Notice of Informal Patent Application (PTO-152) 6) Other:									

Application/Control Number: 10/018818

Art Unit: 1751

DETAILED ACTION

Claim Objections

1. Claim 1 is objected to because of the following informalities: In line 4, "sufficient of a deflocculant" is confusing. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 3. Claims 1-6 and 10-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Shulman et al, US 5,409,629.

Shulman et al teach acrylic acid/ethyl acrylate copolymers for use in liquid laundry detergents (see abstract). An example of such a composition comprises from 0.5 to 5% acrylic acid/ethyl acrylate copolymer, up to 25% corrosion inhibitor, and up to 5% graying inhibitors (either the corrosion inhibitor or the graying inhibitor satisfies the auxiliary stabilizer limitation of the present claims) (col. 7, claim 1).

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Claim Rejections - 35 USC § 103

- 4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 5. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shulman et al, US 5,409,629 in view of Cao et al, US 4,931,195.

Shulman et al are relied upon as set forth above. Note that additional stabilizers are taught by Shulman et al as suitable in their liquid detergents (col. 4, lines 3-8). Shulman et al do not specifically teach the addition of clays as stabilizers. Cao et al teach liquid laundry detergents containing organophilic modified clays as stabilizers (see abstract). Such clays are well known in the detergent arts to stabilize liquid detergents. It would have been obvious to one of ordinary skill in the art to prepare a liquid detergent containing two well known stabilizers, based on the teachings of the prior art, and so render obvious the present claims.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Boyer whose telephone number is (703) 308-2524. The examiner can normally be reached on Monday-Friday from 9:30 AM - 6:00 PM.

If reasonable attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta, can be reached on (703) 308-4708. The fax phone number for this

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Group is (703) 872-9310 for non-after-final amendments and (703) 872-9311 for after-final amendments.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0661.

Charles Boyer

October 19, 2003